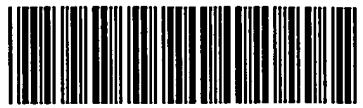


RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/776,635
Source: 1FW16
Date Processed by STIC: 2/3/06

ENTERED



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/776,635

DATE: 02/03/2006

TIME: 11:51:48

Input Set : A:\1954-418.ST25.txt

Output Set: N:\CRF4\02032006\J776635.raw

3 <110> APPLICANT: Rossi, John J.
 4 Castanotto, Daniela
 5 Pfeiffer, Gerd
 6 Tommassi, Stella
 8 <120> TITLE OF INVENTION: Methods for Directing DNA Methylation in Mammalian Cells
 Using
 9 Homologous, Short Double Stranded RNAs
 11 <130> FILE REFERENCE: 1954-418
 13 <140> CURRENT APPLICATION NUMBER: US 10/776,635
 14 <141> CURRENT FILING DATE: 2004-02-12
 16 <150> PRIOR APPLICATION NUMBER: US 60/447,013
 17 <151> PRIOR FILING DATE: 2003-02-13
 19 <160> NUMBER OF SEQ ID NOS: 15
 21 <170> SOFTWARE: PatentIn version 3.3
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 176
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Homo sapiens
 28 <400> SEQUENCE: 1
 29 ggggctctgc gagagcgcgc ccagccccgc cttcggggccc cacagtccct gcacccaggt 60
 31 ttccattgcg cggctctcct cagctccttc cccgcgcgcgtctggatcc tgggggaggc 120
 33 gctgaagtgcg gggcccccggc tttggggcccg cccggccgcgcgttgcgtac gcccaa 176
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 180
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Homo sapiens
 41 <400> SEQUENCE: 2
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 44 ttccattgcg cggctctcct cagctccttc cccgcgcgcgtctggatcc tgggggaggc 120
 46 gctgaagtgcg gggcccccggc tttggggcccg cccggccgcgcgttgcgtac gcccaaagcc 180
 49 <210> SEQ ID NO: 3
 50 <211> LENGTH: 300
 51 <212> TYPE: DNA
 52 <213> ORGANISM: Homo sapiens
 54 <400> SEQUENCE: 3
 55 agcgaagcac gggcccaacc gggccatgtc gggggagccct gagctcattt agctgcggga 60
 57 gctggcaccc gctgggcgcg ctgggaaggc cccgcacccgg ctggagcgtt ccaacgcgcgt 120
 59 ggcgcacccg cggggcaccg cgtgcaccc cacacggcag ctggccctt gccgtggcca 180
 61 cccgttccag cccgcggggc cccgcacgcac cacgtggtgc gacctctgtt ggcacttcat 240
 63 ctggggcgctc gtgcacaaag gctgcagtg cgcgcgttagt tagtggccccc ggcgcctac 300
 66 <210> SEQ ID NO: 4
 67 <211> LENGTH: 41
 68 <212> TYPE: DNA
 69 <213> ORGANISM: Artificial

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/776,635

DATE: 02/03/2006

TIME: 11:51:48

Input Set : A:\1954-418.ST25.txt

Output Set: N:\CRF4\02032006\J776635.raw

71 <220> FEATURE:
 72 <223> OTHER INFORMATION: PCR primer
 74 <400> SEQUENCE: 4
 75 aatcgaacgc gtggatccaa ggtcgggcag gaagagggcc t 41
 78 <210> SEQ ID NO: 5
 79 <211> LENGTH: 20
 80 <212> TYPE: DNA
 81 <213> ORGANISM: Homo sapiens
 83 <400> SEQUENCE: 5
 84 gtggaaagga cgaaacacccg 20
 87 <210> SEQ ID NO: 6
 88 <211> LENGTH: 51
 89 <212> TYPE: DNA
 90 <213> ORGANISM: Artificial
 92 <220> FEATURE:
 93 <223> OTHER INFORMATION: PCR primer
 95 <400> SEQUENCE: 6
 96 ctacacaaag gcgccccc acttcagcgc ggtgttcgt ctttccaca a 51
 99 <210> SEQ ID NO: 7
 100 <211> LENGTH: 47
 101 <212> TYPE: DNA
 102 <213> ORGANISM: Artificial
 104 <220> FEATURE:
 105 <223> OTHER INFORMATION: PCR primer
 107 <400> SEQUENCE: 7
 108 aactcgaatt caaaaagcg ctgaagtccgg ggcccgccct acacaaa 47
 111 <210> SEQ ID NO: 8
 112 <211> LENGTH: 51
 113 <212> TYPE: DNA
 114 <213> ORGANISM: Artificial
 116 <220> FEATURE:
 117 <223> OTHER INFORMATION: PCR primer
 119 <400> SEQUENCE: 8
 120 ctacacaaac gacatggccc gttggggccc ggtgttcgt ctttccaca a 51
 123 <210> SEQ ID NO: 9
 124 <211> LENGTH: 47
 125 <212> TYPE: DNA
 126 <213> ORGANISM: Artificial
 128 <220> FEATURE:
 129 <223> OTHER INFORMATION: PCR primer
 131 <400> SEQUENCE: 9
 132 aactcgaatt caaaaaggg cccaaacggg ccatgtcgct acacaaa 47
 135 <210> SEQ ID NO: 10
 136 <211> LENGTH: 18
 137 <212> TYPE: DNA
 138 <213> ORGANISM: Artificial
 140 <220> FEATURE:
 141 <223> OTHER INFORMATION: MSP primer
 143 <400> SEQUENCE: 10

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/776,635

DATE: 02/03/2006
TIME: 11:51:48

Input Set : A:\1954-418.ST25.txt
Output Set: N:\CRF4\02032006\J776635.raw

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148	<211> LENGTH: 18	
149	<212> TYPE: DNA	
150	<213> ORGANISM: Artificial	
152	<220> FEATURE:	
153	<223> OTHER INFORMATION: MSP primer	
155	<400> SEQUENCE: 11	
156	gctaacaaac gcgaaccg	18
159	<210> SEQ ID NO: 12	
160	<211> LENGTH: 24	
161	<212> TYPE: DNA	
162	<213> ORGANISM: Artificial	
164	<220> FEATURE:	
165	<223> OTHER INFORMATION: MSP primer	
167	<400> SEQUENCE: 12	
168	gggtttgt gagagtgtgt ttag	24
171	<210> SEQ ID NO: 13	
172	<211> LENGTH: 26	
173	<212> TYPE: DNA	
174	<213> ORGANISM: Artificial	
176	<220> FEATURE:	
177	<223> OTHER INFORMATION: MSP primer	
179	<400> SEQUENCE: 13	
180	taaacactaa caaacacaaa ccaaac	26
183	<210> SEQ ID NO: 14	
184	<211> LENGTH: 51	
185	<212> TYPE: DNA	
186	<213> ORGANISM: Artificial	
188	<220> FEATURE:	
189	<223> OTHER INFORMATION: PCR primer	
191	<400> SEQUENCE: 14	
192	ctacacaaac gatatggcg cttgggcc ggtgttcgt cttccaca a	51
195	<210> SEQ ID NO: 15	
196	<211> LENGTH: 47	
197	<212> TYPE: DNA	
198	<213> ORGANISM: Artificial	
200	<220> FEATURE:	
201	<223> OTHER INFORMATION: PCR primer	
203	<400> SEQUENCE: 15	
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/03/2006
PATENT APPLICATION: US/10/776,635 TIME: 11:51:49

Input Set : A:\1954-418.ST25.txt
Output Set: N:\CRF4\02032006\J776635.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:4,6,7,8,9,10,11,12,13,14,15

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/776,635

DATE: 02/03/2006

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Input Set : A:\1954-418.ST25.txt

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